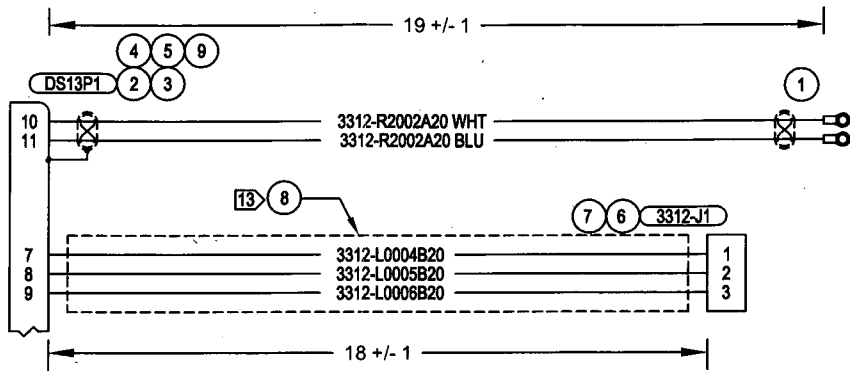


LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO
	1	9	MS25036-148	TERMINAL	



D4728-041 LH SPEAKER #1 HARNESS ASSY.

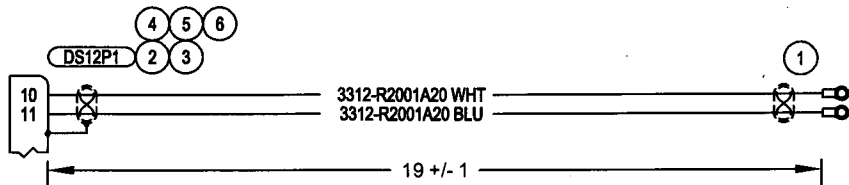
RELEASED
2014-01-22
MP

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

D	PN: IS5083 CHANGED TO D4645-1 PN: BR9741-401-001 CHANGED TO D4638-1 D4728-059 LENGTH CHANGED	MM	14.01.09
C	ADDED MS25036-148 ON LIST OF MATERIALS PN: M24308/26-1F QTY. CHANGED TO 2 INSTEAD OF 1 NOTE ADDED ON AFFECTED SHEETS	MM	13.08.28
B	D4728-057 PIN NO. CHANGED	MM	13.07.22
A	NEW ISSUE	MM	12.09.26
REV.	DESCRIPTION	BY	DATE
DESIGN	Dea	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	Dea		
CHECKED	Dea	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 1 OF 15
APPROVED	Dea	TITLE	SCALE
DE APPR.	Dea	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	MS25036-148	TERMINAL	



D4728-042 RH SPEAKER #1 HARNESS ASSY.

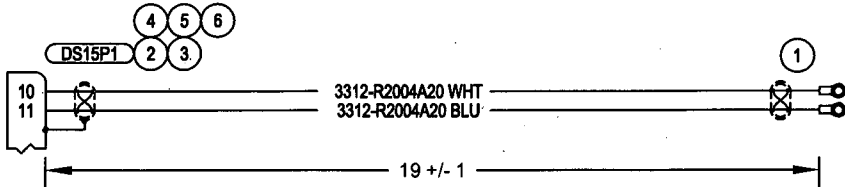
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2014-01-22
MP

DESIGN	Dem	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	Dem		
CHECKED	DE	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 2 OF 15
APPROVED	DE	TITLE	SCALE
DE APPR.	MP	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	M25036-148	TERMINAL	



D4728-043 LH SPEAKER #2 HARNESS ASSY.

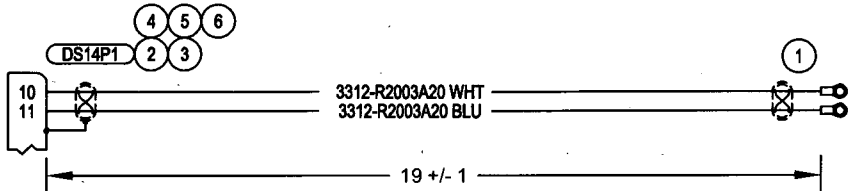
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2014-01-22

DESIGN	<i>ma</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>ma</i>		
CHECKED	<i>JS</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 3 OF 15
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	M25036-148	TERMINAL	



D4728-044 RH SPEAKER #2 HARNESS ASSY.

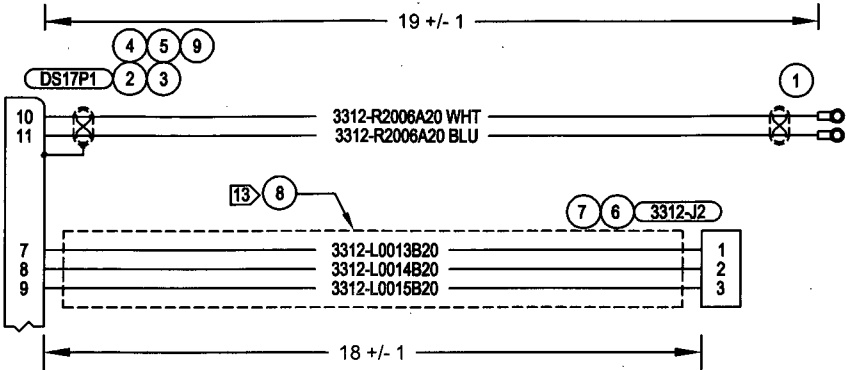
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2014-01-22

DESIGN	Man	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	Man		
CHECKED	SE	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 4 OF 15
APPROVED	SE	TITLE	SCALE
DE APPR.	TH	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO
	1	9	MS25036-148	TERMINAL	



D4728-045 LH SPEAKER #3 HARNESS ASSY.

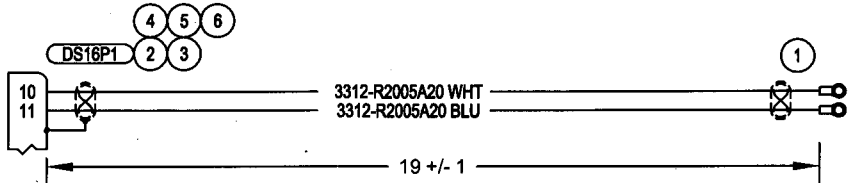
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
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- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

RELEASED
2014-01-22
MD

DESIGN	MD	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MD		
CHECKED	JS	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 5 OF 15
APPROVED	JS	TITLE	SCALE
DE APPR.	MD	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	2	5	M24308/26-1F	JACKSCREW KIT	
	1	6	MS25036-148	TERMINAL	



D4728-046 RH SPEAKER #3 HARNESS ASSY.

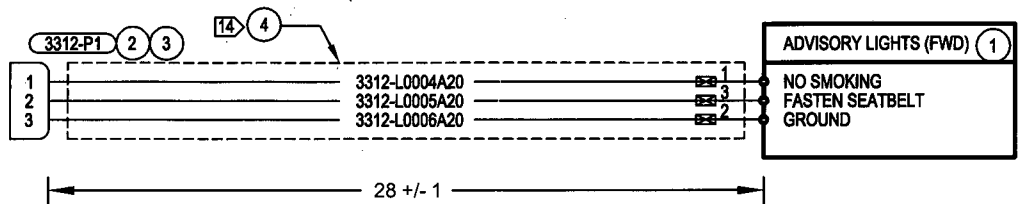
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2014-01-22

DESIGN	<i>ma</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>ma</i>		
CHECKED	<i>JE</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 6 OF 15
APPROVED	<i>JE</i>	TITLE	SCALE
DE APPR.	<i>JE</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	D4645-1	ADVISORY LIGHTS	DART
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



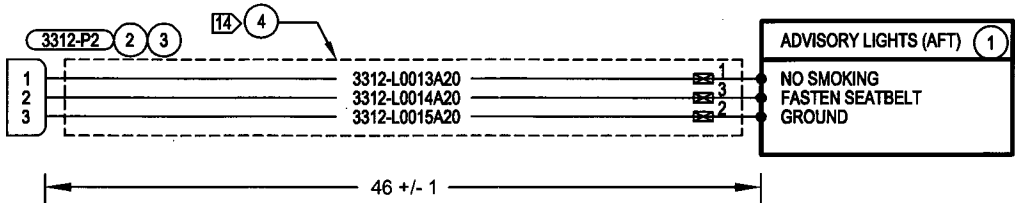
D4728-047 ADVISORY LIGHT (FWD) ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	Man	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	Man		
CHECKED	SE	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 7 OF 15
APPROVED	SE	TITLE	SCALE
DE APPR.	TH	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	D4645-1	ADVISORY LIGHTS	DART
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-049 ADVISORY LIGHT (AFT) ASSY.

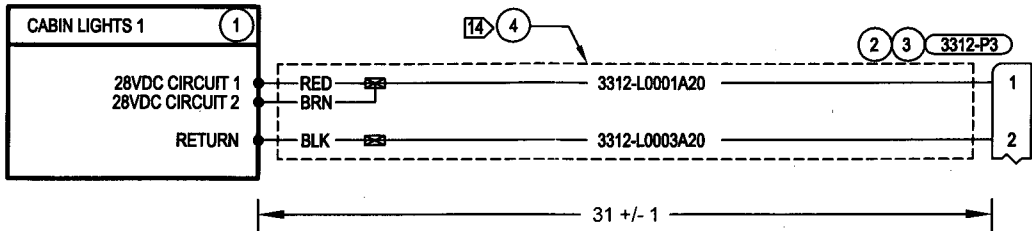
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

RELEASED
2014-01-22

DESIGN	<i>man</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>man</i>		
CHECKED	<i>JE</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 8 OF 15
APPROVED	<i>JE</i>	TITLE	SCALE
DE APPR.	<i>JE</i>	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	D4638-1	CABIN LIGHTS	DART
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (31)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



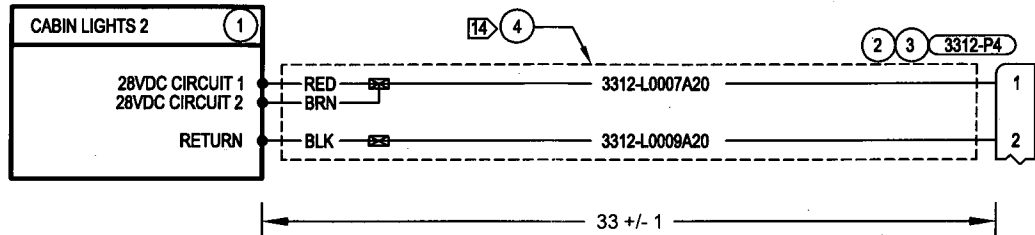
D4728-051 CABIN LIGHT #1 ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	<i>me</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>me</i>		
CHECKED	<i>JE</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>li</i>	D4728	SHEET 9 OF 15
APPROVED	<i>JE</i>	TITLE	SCALE
DE APPR.	<i>JE</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	D4638-1	CABIN LIGHTS	DART
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (33)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



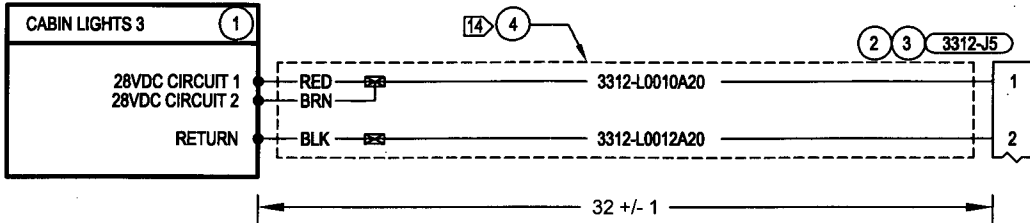
D4728-053 CABIN LIGHT #2 ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	<i>De</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>De</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 10 OF 15
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	D4638-1	CABIN LIGHTS	DART
	1	2	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	3	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (32)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



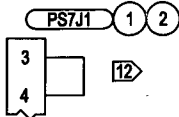
D4728-055 CABIN LIGHT #3 ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

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DRAWN			
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D4728	SHEET 11 OF 15
APPROVED		TITLE	SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	2	350690-3	CONTACTS	TYCO ELECTRONICS



D4728-057 PS7J1 JUMPER ASSY.

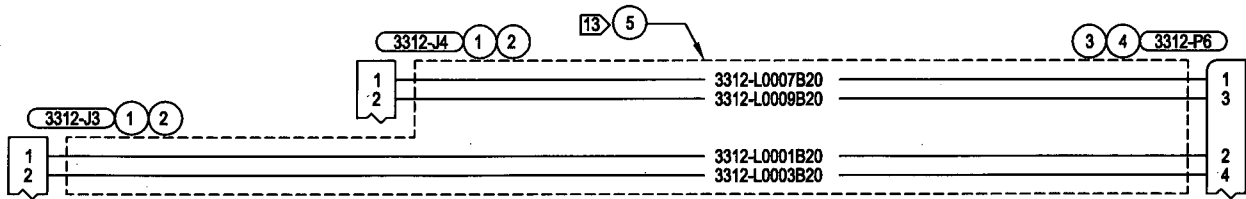
NOTES:

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- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- MAX 3 INCHES.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

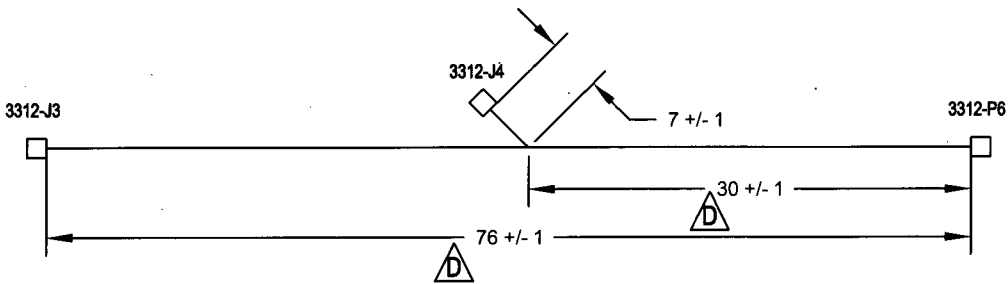
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2014-01-22

DESIGN	<i>Dea</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Dea</i>		
CHECKED	<i>Dea</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Li</i>	D4728	SHEET 12 OF 15
APPROVED	<i>Dea</i>	TITLE	SCALE
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LIST OF MATERIALS						
QTY PER		ITEM	PART NUMBER	DESCRIPTION		SUPPLIER
	2	1	1-480303-0	CONNECTOR		TYCO ELECTRONICS
	A/R (4)	2	60617-1	CONTACTS		TYCO ELECTRONICS
	1	3	1-480426-0	CONNECTOR		TYCO ELECTRONICS
	A/R (4)	4	60618-1	CONTACTS		TYCO ELECTRONICS
	A/R (77)	5	XPF-1/4	13 EXPANDABLE SLEEVING		EDMO



D4728-059 CABIN LIGHTS HARNESS ASSY.



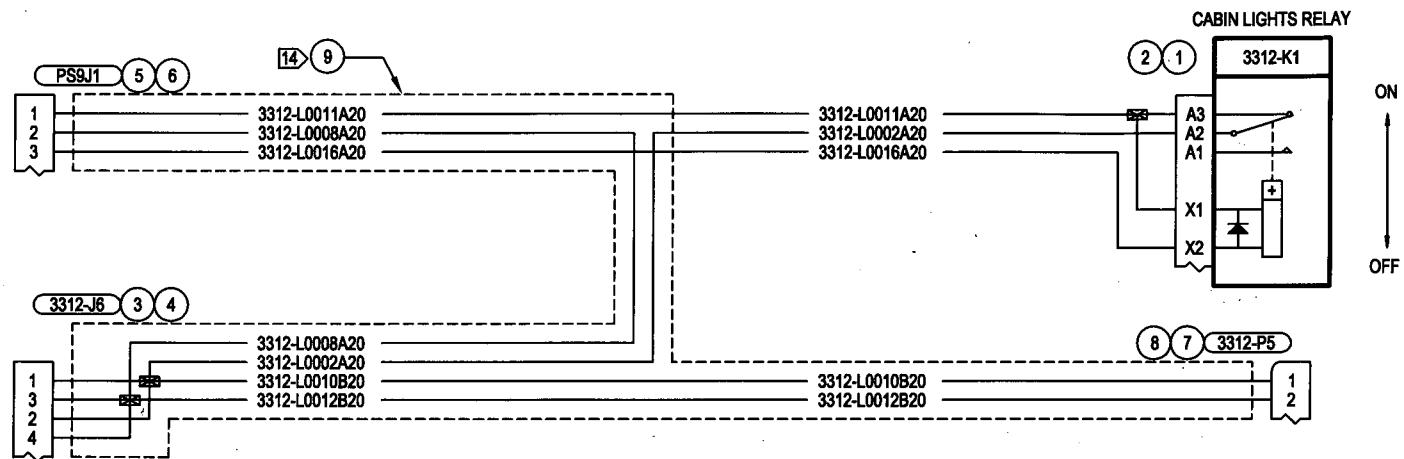
D4728-059 CABIN LIGHTS
HARNESS VIEW

NOTES:

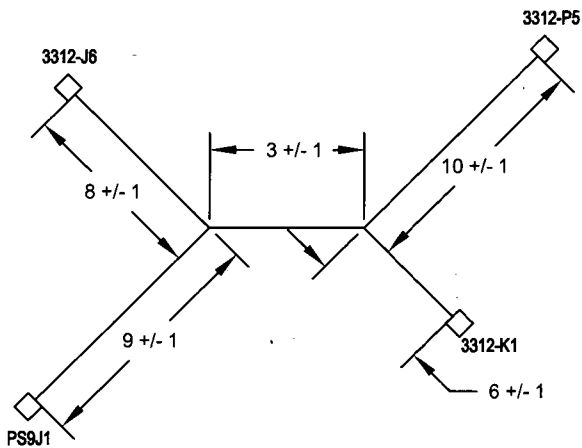
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13. EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	14.01.09	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	14.01.09		
CHECKED	14.01.09	DRAWING NO.	REV. D
MFG. APPR.	14.01.09	D4728	SHEET 13 OF 15
APPROVED	14.01.09	TITLE	SCALE
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	M83536/2-024M	RELAY	
	1	2	M12883/45-01	RELAY BASE	
	1	3	1-480424-0	CONNECTOR	TYCO ELECTRONICS
	A/R (4)	4	60617-1	CONTACTS	TYCO ELECTRONICS
	1	5	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	6	350690-3	CONTACTS	TYCO ELECTRONICS
	1	7	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	8	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (26)	9	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-061 CABIN LIGHTS CONTROL RELAY HARNESS ASSY.



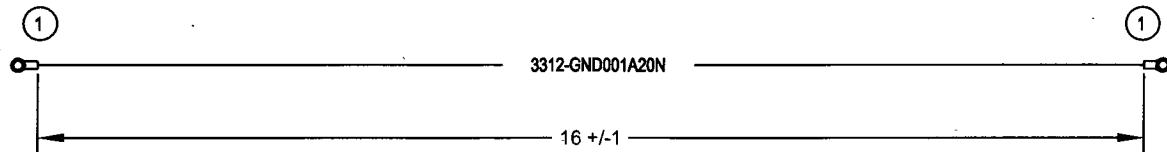
D4728-061 CABIN LIGHTS CONTROL RELAY
HARNESS VIEW

NOTES:

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- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	<i>Dea</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Dea</i>		
CHECKED	<i>DE</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 14 OF 15
APPROVED	<i>DE</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	MS25036-103	TERMINAL	TYCO ELECTRONICS



D4728-063 CABIN TEMP SENSOR JUMPER ASSY.

NOTES:

1. ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
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7. ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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10. A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
11. UNITS: INCHES UNLESS OTHERWISE NOTED.
12. IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

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2014-01-22

DESIGN	<i>Man</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Man</i>		
CHECKED	<i>SE</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>Lj</i>	D4728	SHEET 15 OF 15
APPROVED	<i>SE</i>	TITLE	SCALE
DE APPR.	<i>SE</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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